

ABSTRACT OF THE DISCLOSURE

Two axially parallel rolls are pressed against each other in a device for producing and/or treating a moving material web. Sensor elements are arranged in the force transmission path running from the force-producing elements via the rolls, outside roll bodies of the two rolls. As

5 a result of displacing the sensor elements out of the roll bodies of the rolls, the production of the rolls is less complicated and less expensive. No sensors have to be embedded in the roll bodies, which opens up the possibility of using standard rolls. In addition, the occasional grinding of the rolls can in this way be performed without any regard to the sensor elements. Nevertheless, the pressure prevailing between the rolls can continue to be measured directly, since the sensor

10 elements are arranged in the transmission path of the pressing force.